INDEX PROPERTIES - SUMMARY OF RESULTS

Project No	Project Name
D8022	British Museum North West Development, London

Hole No.	Sample No.	Depth (m) from	Depth (m) to	type	Soil Description	p Mg/m^3	p_d Mg/m^3	w %	< 425 µm sieve %	W_L %	W_P %	I_P	p_s Mg/m^3	Remarks
BH102	24	9.50	9.95	U	Stiff dark grey CLAY			28						
BH102	27	12.00		D	Dark grey slightly silty CLAY			24	100 n	67 a	23	44		
BH102	28	12.50	12.95	U	Stiff dark brown CLAY			28						
BH102	31	15.00		D	Grey brown slightly silty CLAY			19	100 n	42 a	16	26		
BH102	32	15.50	15.95	U	Stiff fissured dark brown grey CLAY			22						
BH102	34	17.00		D	Grey brown CLAY			22	100 n	66 a	26	40		
BH102	36	18.50	18.95	U	Very stiff fissured dark brown CLAY			18						
BH102	37	19.00		D	Brown grey very silty CLAY			19						
BH102	41	21.50	21.95	U	Very stiff fissured brown mottled grey CLAY			16						Restricted QUT.
BH102	42	21.75		D	Dark brown mottled grey red CLAY			18	100 n	56 a	23	33		
BH102	45	24.50		D	Dark brown CLAY			23	100 n	70 a	28	42		
BH102	49	27.50		D	Dark grey slightly silty CLAY			19	100 n	42 a	23	19		
BH102	52	29.00		D	Pink brown thinly laminated CLAY			22						
BH102	55	31.00		D	Brown mottled grey CLAY			26	100 n	72 a	27	45		
BH102	58	33.50		D	Dark grey CLAY			17	100 n	42 a	13	29		
BH102	60	34.00		D	Dark brown mottled orange and grey silty CLAY			12	100 n	38 a	15	23		
BH102	62	36.00		D	Brown grey clayey SILT			16						
BH103	6	1.00		D	Light brown gravelly sandy CLAY			18	71 s	53 a	22	31		
BH103	15	6.50		D	Grey CLAY			35	97 n	78 a	29	49		
BH103	16	6.50	6.95	U	Stiff grey brown fissured CLAY			27						
BH103	18	8.00		D	Dark grey CLAY			21	100 n	72 a	28	44		
BH103	20	9.50	9.95	U	Stiff dark grey brown CLAY			26						
BH103	21	10.00		D	Grey brown CLAY			21	100 n	63 a	22	41		
BH103	23	12.00		D	Grey brown CLAY			24						
BH103	24	12.50	12.95	U	Stiff fissured dark grey CLAY			22						
BH103	27	14.00		D	Grey CLAY			22	100 n	59 a	21	38		
BH103	29	15.50	15.95	U	Stiff fissured dark brown CLAY with sand pockets			23						Restricted QUT.
BH103	30	16.00		D	Brown grey CLAY			21						
BH103	32	18.00		D	Grey CLAY			21	100 n	59 a	21	38		
BH103	34	18.50	18.95	U	Very stiff fissured brown mottled grey CLAY			20						
BH103	35	19.00		D	Brown CLAY			18	100 n	55 a	23	32		
BH103	38	21.50	21.95	U	Hard fissured brown mottled grey CLAY			16						

General notes: All above tests carried out to BS1377 : 1990 definitive method in all cases unless annotated otherwise. See individual test reports for further details.

Key :

p	bulk density, linear	W_L Liquid limit	W_P	Plastic limit	<425um preparation	p_s	particle density
p_d	dry density	a 4 point cone test	NP	non - plastic	n from natural soil	-g = gas jar	
w	moisture content	b 1 point cone test	I_P	Plasticity Index	s sieved specimen	-p = small pyknometer	

INDEX PROPERTIES - SUMMARY OF RESULTS

Project No	Project Name
D8022	British Museum North West Development, London

Hole No.	Sample No.	Depth (m) from	Depth (m) to	type	Soil Description	p Mg/m^3	p_d Mg/m^3	w %	< 425 µm sieve %	W_L %	W_P %	I_P	p_s Mg/m^3	Remarks
BH103	39	21.75		D	Grey brown CLAY			15	100 n	52 a	21	31		
BH103	41	24.00		D	Brown CLAY			22						
BH103	44	26.00		D	Grey slightly sandy CLAY			17	100 n	49 a	18	31		
BH103	48	28.00		D	Red brown CLAY			24	100 n	80 a	28	52		
BH103	51	30.50		D	Brown CLAY			18	100 n	61 a	29	32		
BH103	54	32.30		D	Very stiff dark grey mottled grey sandy CLAY			12						
BH103	57	34.00		D	Brown grey CLAY			16	100 n	54 a	18	36		
BH104A	4	0.75		D	Dark brown slightly gravelly sandy CLAY			20	95 n	49 a	21	28		
BH104A	20	5.70		D	Brown gravelly CLAY			28	97 n	67 a	25	42		
BH104A	21A	7.00	7.45	U	Stiff dark brown CLAY			27						
BH104A	25	8.50	8.95	D	Brown CLAY			27	100 n	78 a	25	53		
BH104A	27	10.00	10.45	U	Stiff dark grey CLAY			27						
BH104A	30	11.50	11.95	D	Brown CLAY			24	100 n	73 a	21	52		
BH104A	32	13.00	13.45	U	Very stiff grey CLAY with sand pockets			21						
BH104A	33	13.45	13.50	D	Brown CLAY			22	100 n	61 a	22	39		
BH104A	35	14.50	14.95	D	Brown CLAY			22	100 n	69 a	24	45		
BH104A	37	16.00	16.45	U	Stiff dark grey CLAY			24						
BH104A	39	17.00		D	Brown CLAY			22	100 n	63 a	24	39		
BH104A	42	19.00	19.45	U	Very stiff dark grey CLAY			20						
BH104A	43	19.45	19.50	D	Brown CLAY			21	100 n	60 a	25	35		
BH104A	46	21.20		D	Red grey CLAY									
BH104A	47	22.00	22.45	U	Very stiff red brown mottled grey CLAY			24						
BH104A	49	23.00		D	Red brown grey CLAY			19	100 n	61 a	23	38		
BH104A	52	25.00	25.45	U	Very stiff brown mottled grey CLAY			21						
BH104A	53	25.45	25.50	D	Grey brown CLAY			21	100 n	61 a	24	37		
BH104A	57	27.50		D	Grey CLAY			25	100 n	41 a	16	25		
BH104A	58	28.00	28.45	U	Very stiff grey silty CLAY			19						
BH104A	62	29.50		D	Red CLAY			18	100 n	45 a	20	25		
BH104A	64	31.00	31.45	U	Very stiff red brown CLAY			22						
BH104A	65	31.45	31.50	D	Brown CLAY			21						
BH104A	67	32.50		D	Brown CLAY			19	100 n	66 a	24	42		
BH104A	69	34.00	34.45	U	Very stiff brown mottled grey CLAY			6.7						

General notes: All above tests carried out to BS1377 : 1990 definitive method in all cases unless annotated otherwise. See individual test reports for further details.

Key :

p	bulk density, linear	W_L Liquid limit	W_P	Plastic limit	<425um preparation	p_s	particle density
p_d	dry density	a 4 point cone test	NP	non - plastic	n from natural soil	-g = gas jar	
w	moisture content	b 1 point cone test	I_P	Plasticity Index	s sieved specimen	-p = small pyknometer	

INDEX PROPERTIES - SUMMARY OF RESULTS

Project No	Project Name
D8022	British Museum North West Development, London

Hole No.	Sample No.	Depth (m) from	Depth (m) to	type	Soil Description	p Mg/m^3	p_d Mg/m^3	w %	< 425 µm sieve %	W_L %	W_P %	I_P	p_s Mg/m^3	Remarks
BH104A	70	34.45	34.50	D	Grey SAND			7.2	100 n	24 b	NP			
BH104A	74	36.00		D	Brown CLAY			18						
BH104A	77	37.30		D	Light brown slightly clayey SILT			77	99 s	43 a	18	25		

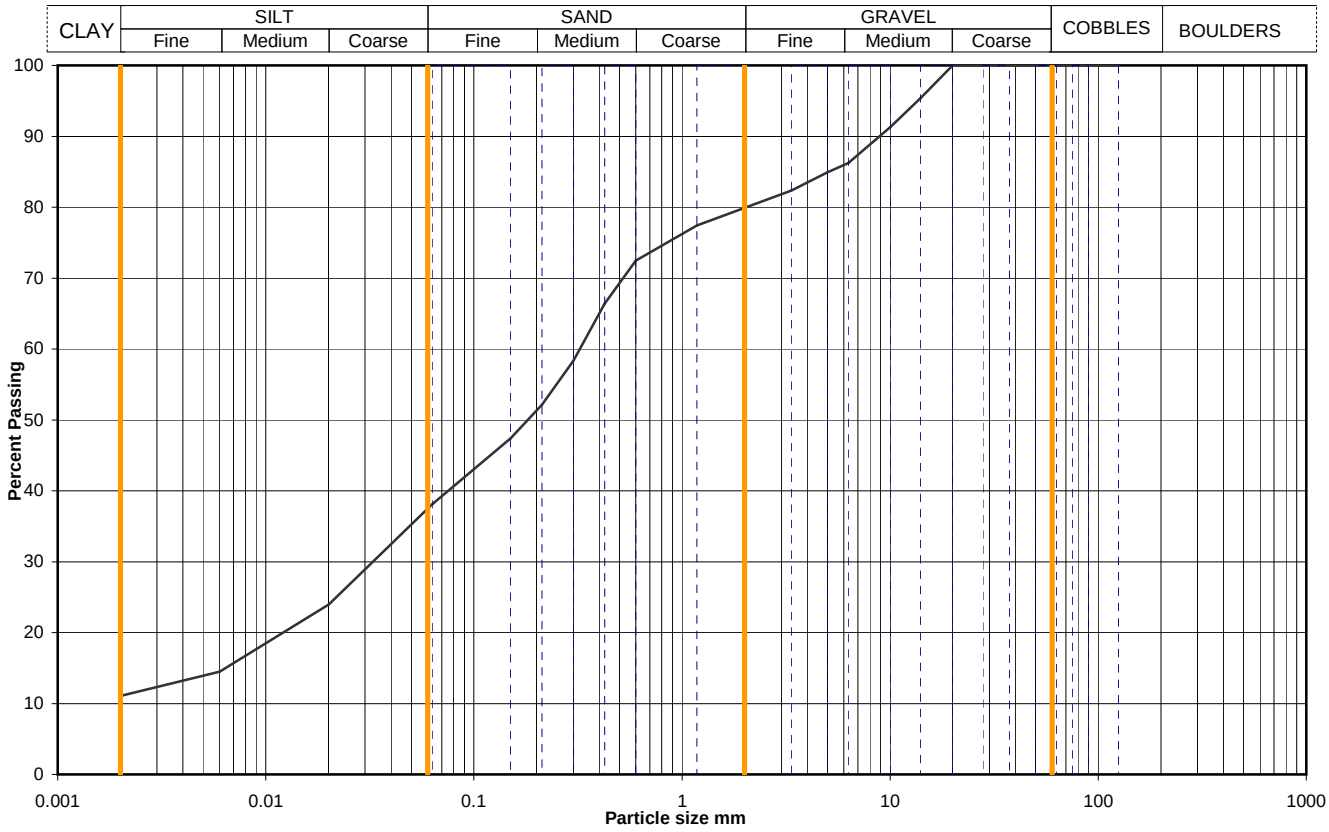
General notes: All above tests carried out to BS1377 : 1990 definitive method in all cases unless annotated otherwise. See individual test reports for further details.

Key :

p	bulk density, linear	W_L Liquid limit	W_P	Plastic limit	<425um preparation	p_s	particle density
p_d	dry density	a 4 point cone test	NP	non - plastic	n from natural soil	-g = gas jar	
w	moisture content	b 1 point cone test	I_P	Plasticity Index	s sieved specimen	-p = small pyknometer	

Particle Size Distribution Analysis

Project No	D8022	Sample Details:	Hole No	BH101A		
Project Name	British Museum North West Development, London		Depth (m BGL)	0.20		
			Samp No	1	Type	B
			ID	ESGD80222008060200000000083		
			Spec Ref			



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
125	100	0.0201	24
90	100	0.0060	15
75	100	0.0020	11
63	100		
50	100		
37.5	100		
28	100		
20	100		
14	95		
10	91		
6.3	86		
5.0	85		
3.35	82		
2.00	80		
1.18	77	Particle density, Mg/m3	
0.600	72		
0.425	66	2.65 assumed	
0.300	58	Dry mass of sample, kg	
0.212	52		
0.150	47	0.4	
0.063	38		

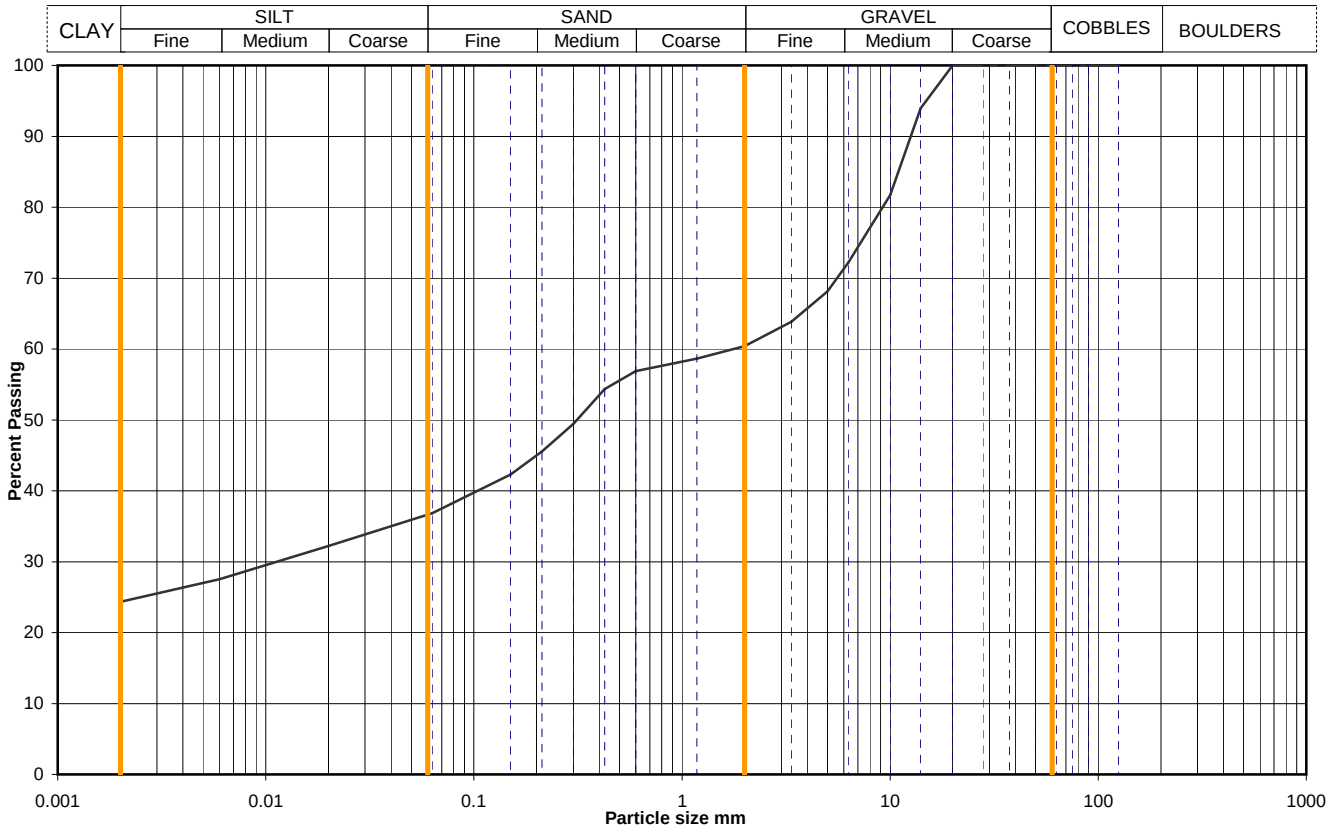
Soil description	Brown gravelly clayey SAND		
Preparation / Pretreatment	Sieve: pre dried, Pipette: as BS1377		
Remarks			
Sample Proportions *<60mm values to aid description only		Whole	*<60mm
	Cobbles / boulders	0	0
	Gravel	20	20
	Sand	42	42
	Silt	27	27
	Clay	11	11

Uniformity Coefficient	D_{60} / D_{10}	#N/A

Test Method	BS 1377 : Part 2 : 1990	
	Sieving	9.2 wet sieve
	Sedimentation	9.4 pipette

Particle Size Distribution Analysis

Project No	D8022	Sample Details:	Hole No	BH101A		
Project Name	British Museum North West Development, London		Depth (m BGL)	1.65		
			Samp No	7	Type	D
			ID	ESGD8022200806020000000090		
			Spec Ref			



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
125	100	0.0201	32
90	100	0.0060	28
75	100	0.0020	24
63	100		
50	100		
37.5	100		
28	100		
20	100		
14	94		
10	82		
6.3	72		
5.0	68		
3.35	64		
2.00	60		
1.18	59	Particle density, Mg/m3	
0.600	57		
0.425	54	2.65 assumed	
0.300	49	Dry mass of sample, kg	
0.212	46		
0.150	42	0.5	
0.063	37		

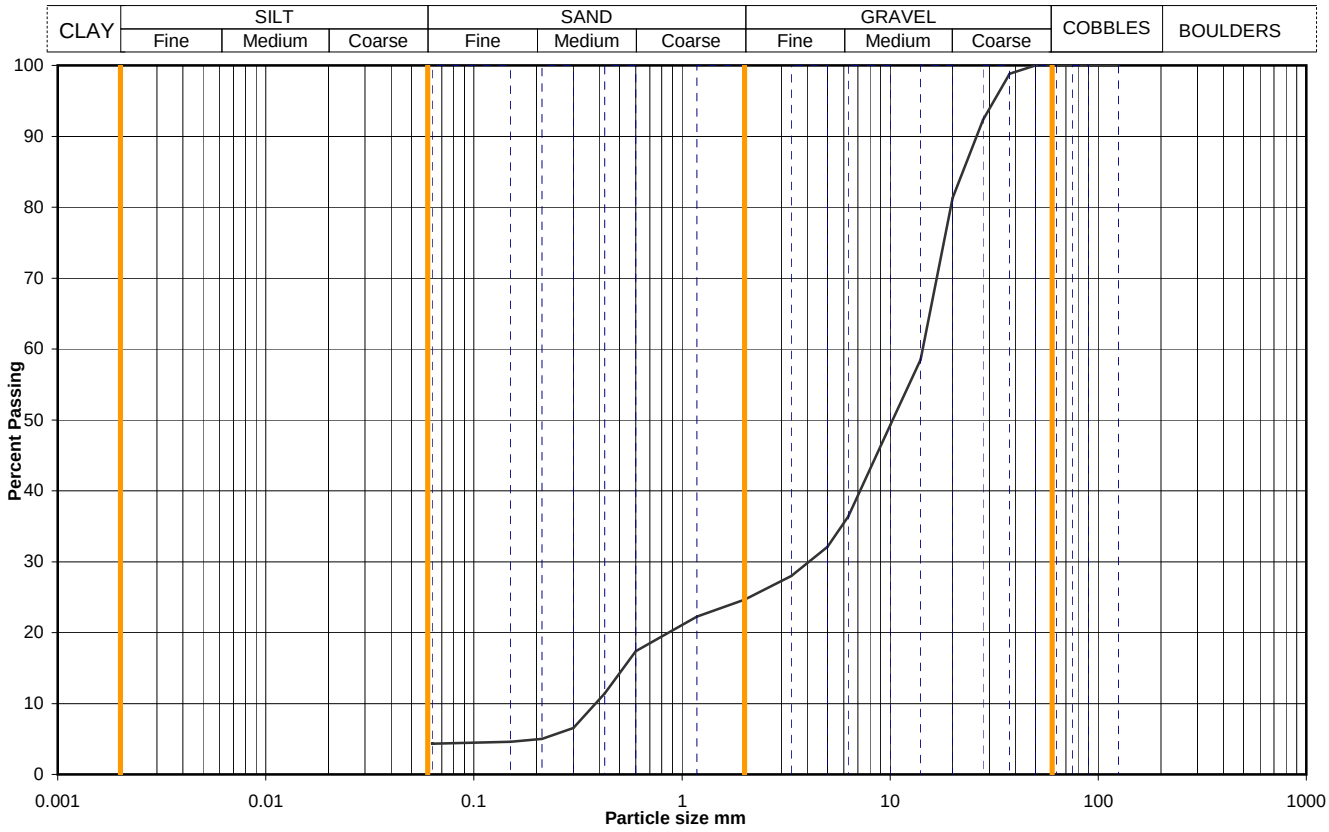
Soil description	Brown clayey sandy GRAVEL		
Preparation / Pretreatment	Sieve: pre dried, Pipette: as BS1377		
Remarks			
Sample Proportions *<60mm values to aid description only		Whole	*<60mm
	Cobbles / boulders	0	0
	Gravel	40	40
	Sand	24	24
	Silt	12	12
	Clay	24	24

Uniformity Coefficient	D_{60} / D_{10}	#N/A

Test Method	BS 1377 : Part 2 : 1990	
	Sieving	9.2 wet sieve
	Sedimentation	9.4 pipette

Particle Size Distribution Analysis

Project No	D8022	Sample Details:	Hole No	BH101A		
Project Name	British Museum North West Development, London		Depth (m BGL)	2.65		
			Samp No	12	Type	B
			ID	ESGD80222008060200000000094		
			Spec Ref			



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
125	100		
90	100		
75	100		
63	100		
50	100		
37.5	99		
28	92		
20	81		
14	59		
10	49		
6.3	36		
5.0	32		
3.35	28		
2.00	25		
1.18	22		
0.600	17		
0.425	11		
0.300	7	Dry mass of sample, kg	
0.212	5		
0.150	5	15.0	
0.063	4		

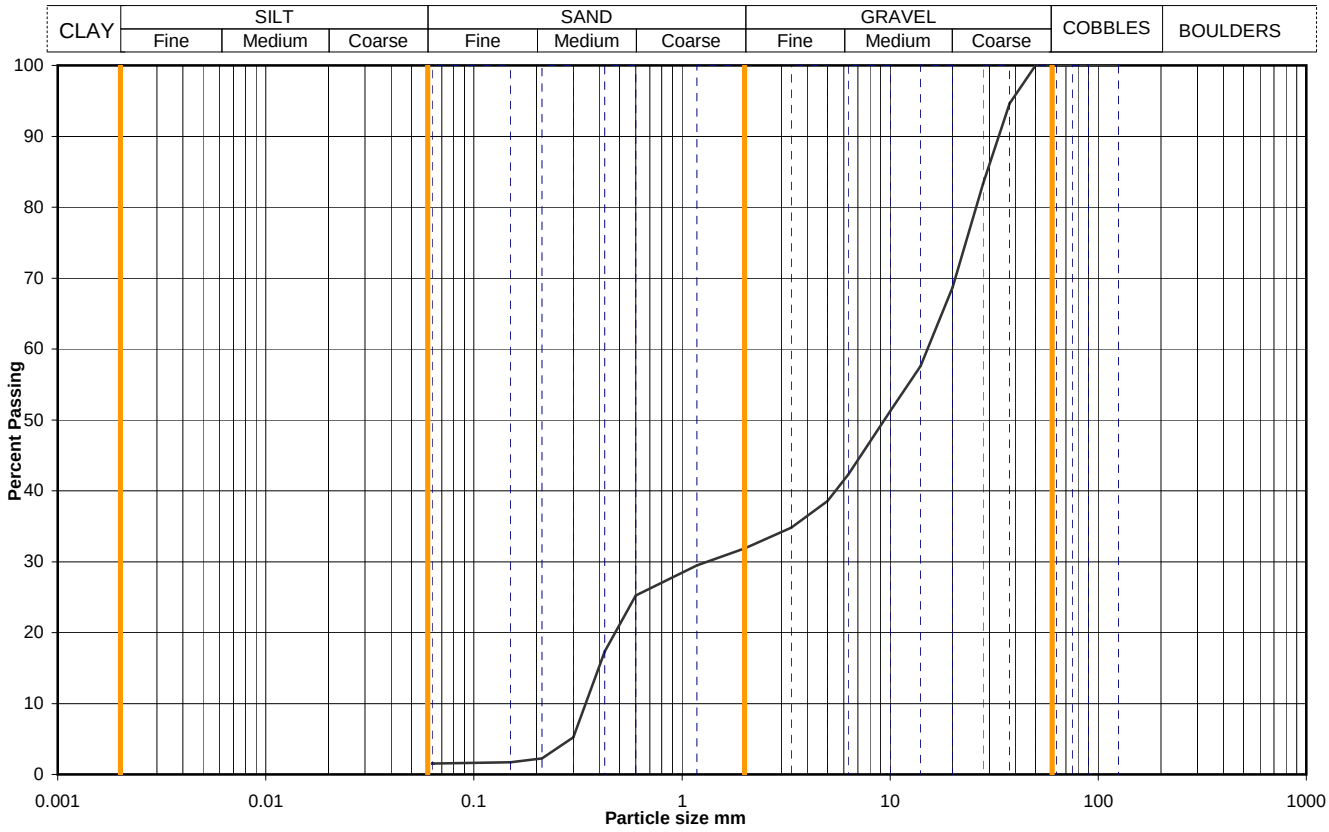
Soil description	Yellowish brown sandy GRAVEL.		
Preparation / Pretreatment	Sieve: natural material		
Remarks			
Sample Proportions *<60mm values to aid description only		Whole	*<60mm
	Cobbles / boulders	0	0
	Gravel	75	75
	Sand	20	20
	Silt	silt+clay =	
	Clay	5	5

Uniformity Coefficient	D_{60} / D_{10}	37

Test Method	BS 1377 : Part 2 : 1990	
	Sieving	9.2 wet sieve
	Sedimentation	none

Particle Size Distribution Analysis

Project No	D8022	Sample Details:	Hole No	BH101A		
Project Name	British Museum North West Development, London		Depth (m BGL)	4.65		
			Samp No	16	Type	B
			ID	ESGD80222008060200000000098		
			Spec Ref			



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
125	100		
90	100		
75	100		
63	100		
50	100		
37.5	95		
28	83		
20	69		
14	58		
10	51		
6.3	42		
5.0	39		
3.35	35		
2.00	32		
1.18	29		
0.600	25		
0.425	17		
0.300	5	Dry mass of sample, kg	
0.212	2		
0.150	2	15.1	
0.063	2		

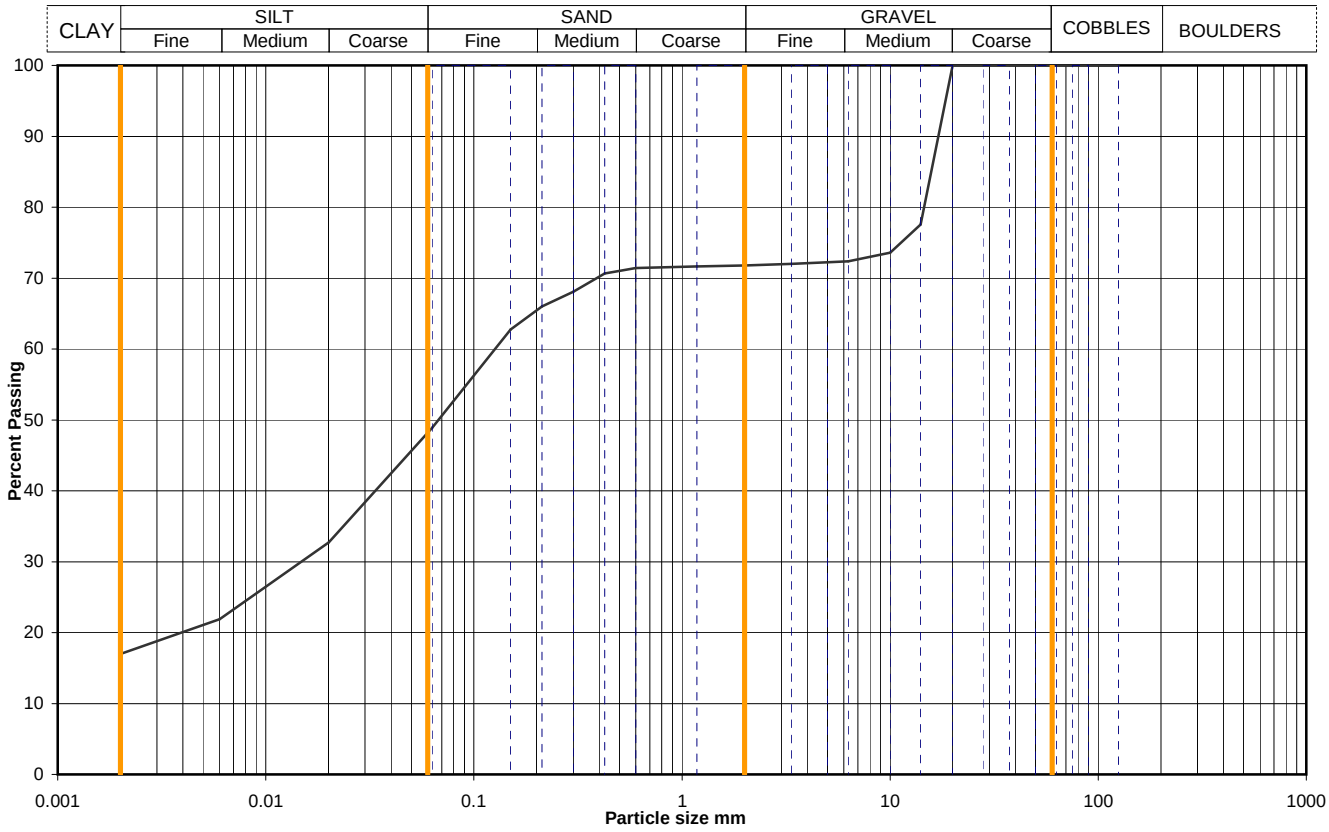
Soil description	Yellowish brown very sandy GRAVEL.		
Preparation / Pretreatment	Sieve: natural material		
Remarks			
Sample Proportions *<60mm values to aid description only		Whole	*<60mm
	Cobbles / boulders	0	0
	Gravel	68	68
	Sand	30	30
	Silt	silt+clay =	
	Clay	2	2

Uniformity Coefficient	D_{60} / D_{10}	44

Test Method	BS 1377 : Part 2 : 1990	
	Sieving	9.2 wet sieve
	Sedimentation	none

Particle Size Distribution Analysis

Project No	D8022	Sample Details:	Hole No	BH101A		
Project Name	British Museum North West Development, London		Depth (m BGL)	5.20		
			Samp No	17	Type	D
			ID	ESGD80222008060200000000099		
			Spec Ref			



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
125	100	0.0201	33
90	100	0.0060	22
75	100	0.0020	17
63	100		
50	100		
37.5	100		
28	100		
20	100		
14	78		
10	74		
6.3	72		
5.0	72		
3.35	72		
2.00	72		
1.18	72	Particle density, Mg/m3	
0.600	71		
0.425	71	2.65 assumed	
0.300	68	Dry mass of sample, kg	
0.212	66		
0.150	63	0.4	
0.063	49		

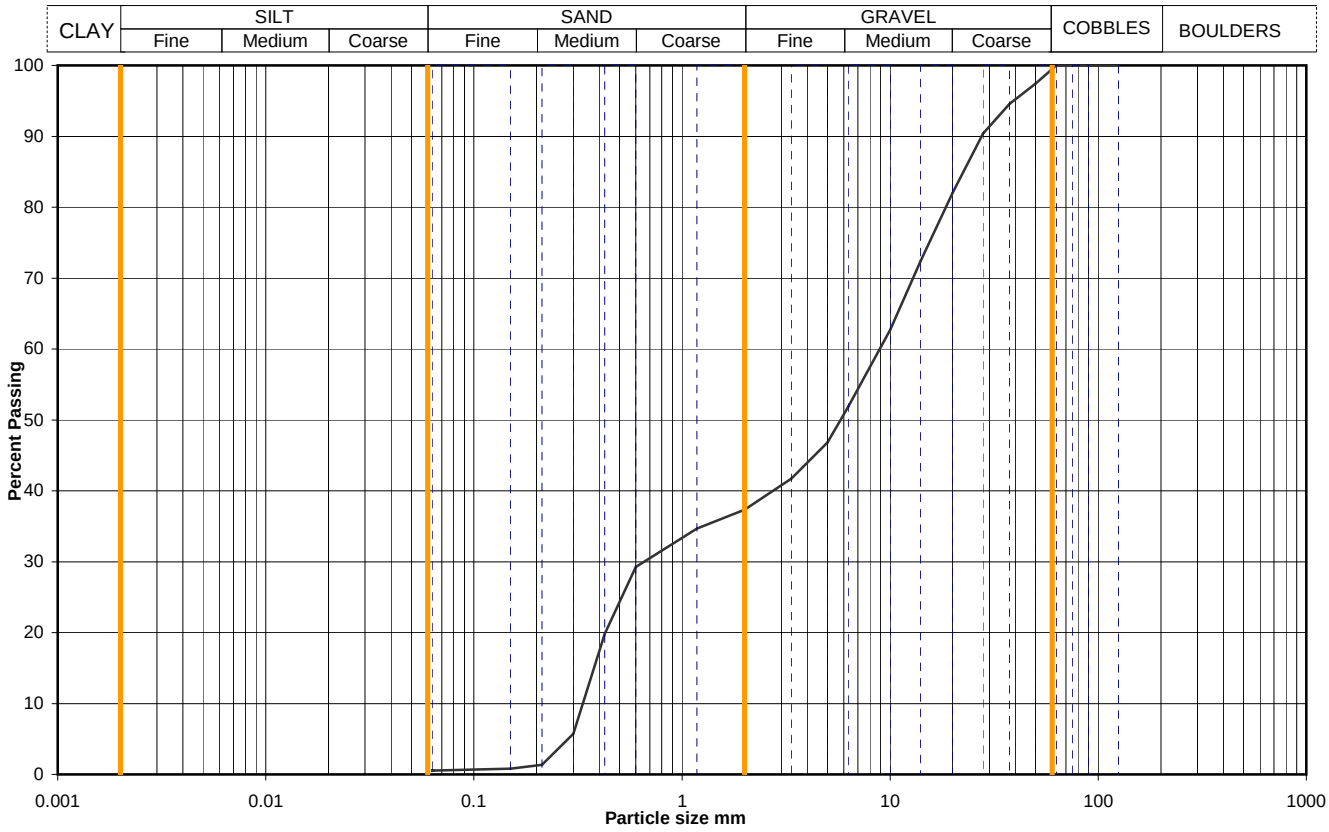
Soil description	Brown clayey sandy fine to coarse GRAVEL		
Preparation / Pretreatment	Sieve: pre dried, Pipette: as BS1377		
Remarks	Sieve: Insufficient material to conform to BS 1377		
Sample Proportions *<60mm values to aid description only		Whole	*<60mm
	Cobbles / boulders	0	0
	Gravel	28	28
	Sand	24	24
	Silt	31	31
	Clay	17	17

Uniformity Coefficient	D_{60} / D_{10}	#N/A

Test Method	BS 1377 : Part 2 : 1990	
	Sieving	9.2 wet sieve
	Sedimentation	9.4 pipette

Particle Size Distribution Analysis

Project No	D8022	Sample Details:	Hole No	BH101A		
Project Name	British Museum North West Development, London		Depth (m BGL)	5.65		
			Samp No	18	Type	B
			ID	ESGD80222008060200000000100		
			Spec Ref			



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
125	100		
90	100		
75	100		
63	100		
50	97		
37.5	95		
28	90		
20	82		
14	72		
10	63		
6.3	52		
5.0	47		
3.35	42		
2.00	37		
1.18	35		
0.600	29		
0.425	20		
0.300	6	Dry mass of sample, kg	
0.212	1		
0.150	1	21.7	
0.063	1		

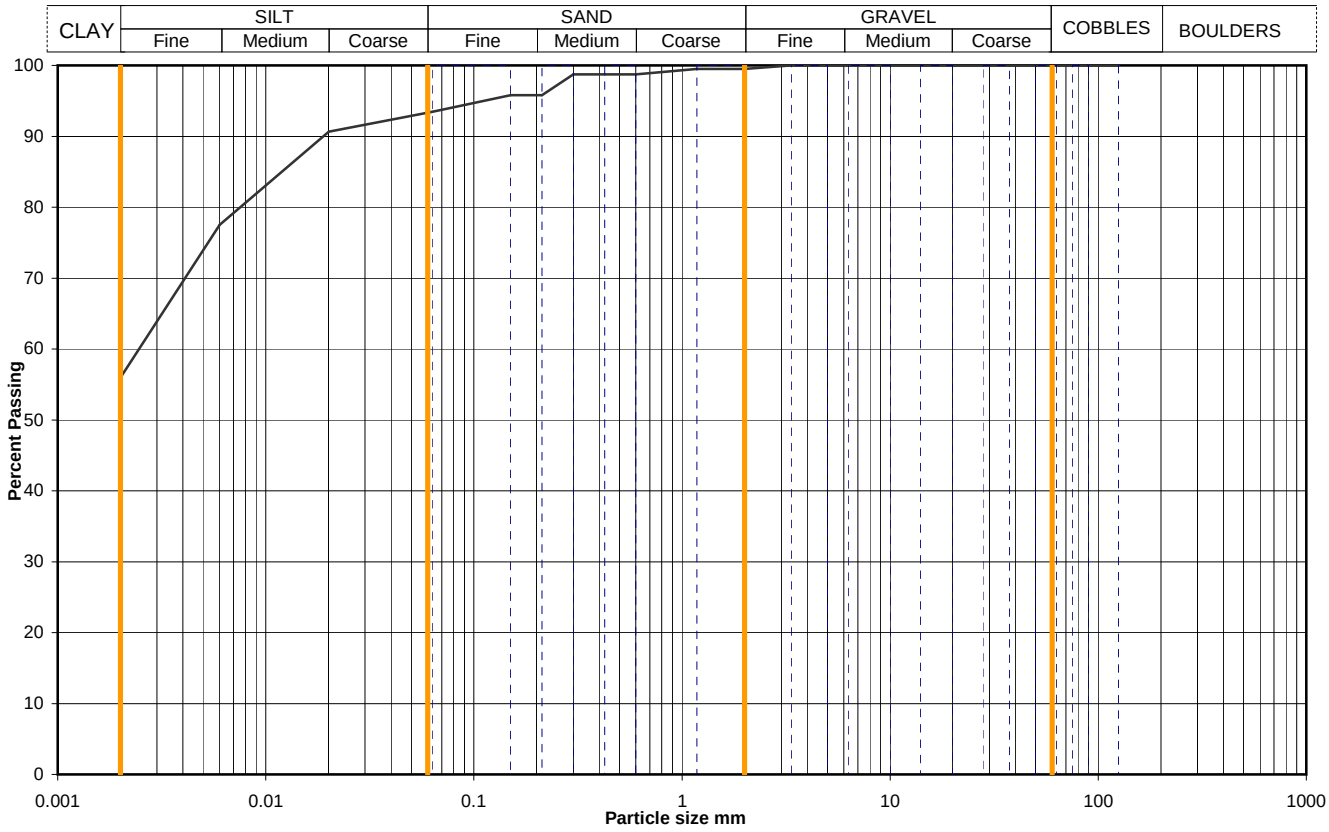
Soil description	Yellowish brown very sandy GRAVEL.		
Preparation / Pretreatment	Sieve: natural material		
Remarks			
Sample Proportions *<60mm values to aid description only		Whole	*<60mm
	Cobbles / boulders	1	0
	Gravel	62	63
	Sand	37	37
	Silt	silt+clay =	
	Clay	0	0

Uniformity Coefficient	D_{60} / D_{10}	27

Test Method	BS 1377 : Part 2 : 1990	
	Sieving	9.2 wet sieve
	Sedimentation	none

Particle Size Distribution Analysis

Project No	D8022	Sample Details:	Hole No	BH101A		
Project Name	British Museum North West Development, London		Depth (m BGL)	7.15		
			Samp No	25	Type	D
			ID	ESGD80222008060200000000107		
			Spec Ref			



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
125	100	0.0201	91
90	100	0.0060	78
75	100	0.0020	56
63	100		
50	100		
37.5	100		
28	100		
20	100		
14	100		
10	100		
6.3	100		
5.0	100		
3.35	100		
2.00	100		
1.18	100	Particle density, Mg/m3	
0.600	99		
0.425	99	2.65 assumed	
0.300	99	Dry mass of sample, kg	
0.212	96		
0.150	96	0.2	
0.063	93		

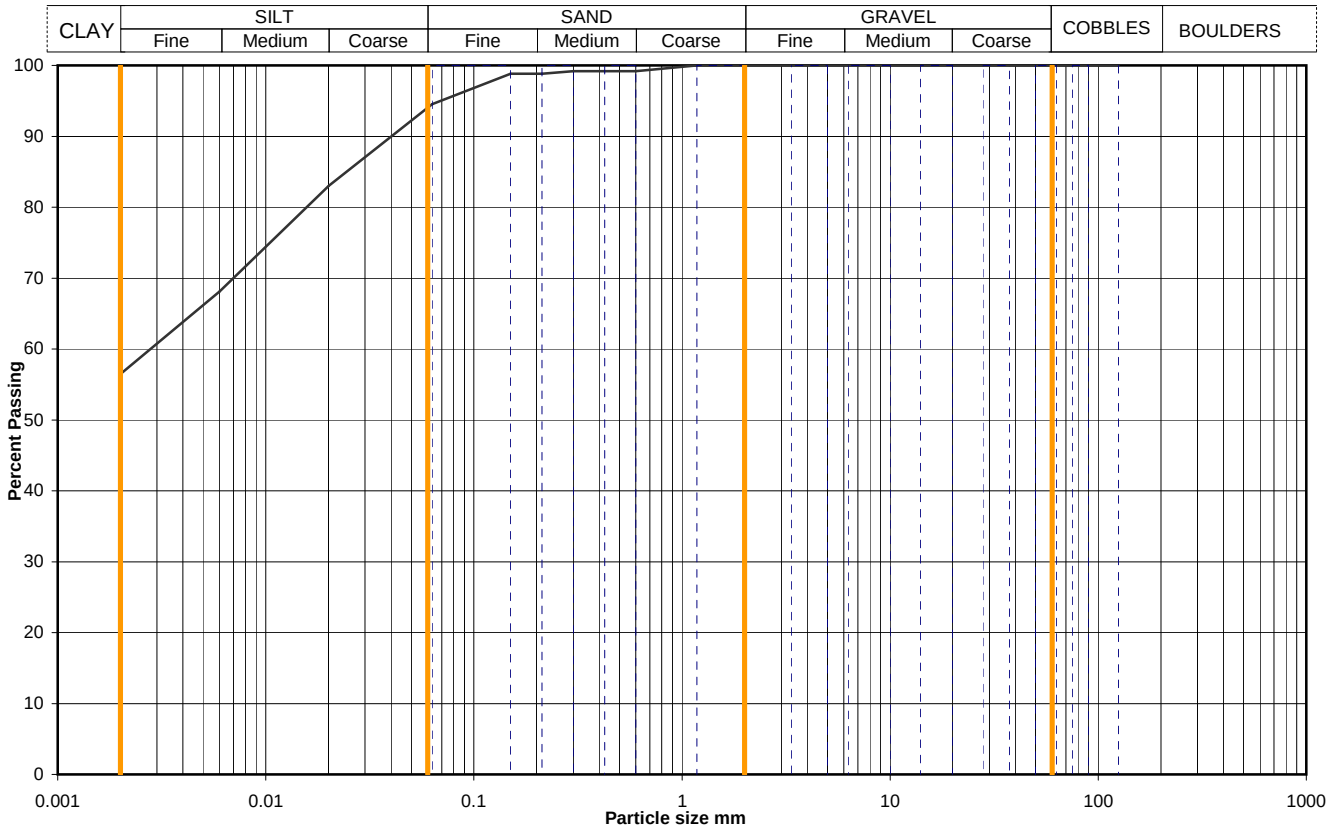
Soil description	Grey CLAY		
Preparation / Pretreatment	Sieve: pre dried, Pipette: as BS1377		
Remarks			
Sample Proportions *<60mm values to aid description only		Whole	*<60mm
	Cobbles / boulders	0	0
	Gravel	0	0
	Sand	6	6
	Silt	38	38
	Clay	56	56

Uniformity Coefficient	D_{60} / D_{10}	#N/A

Test Method	BS 1377 : Part 2 : 1990	
	Sieving	9.2 wet sieve
	Sedimentation	9.4 pipette

Particle Size Distribution Analysis

Project No	D8022	Sample Details:	Hole No	BH101A		
Project Name	British Museum North West Development, London		Depth (m BGL)	11.20		
			Samp No	31	Type	D
			ID	ESGD80222008060200000000113		
			Spec Ref			



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
125	100	0.0201	83
90	100	0.0060	68
75	100	0.0020	56
63	100		
50	100		
37.5	100		
28	100		
20	100		
14	100		
10	100		
6.3	100		
5.0	100		
3.35	100		
2.00	100		
1.18	100	Particle density, Mg/m3	
0.600	99		
0.425	99	2.65 assumed	
0.300	99	Dry mass of sample, kg	
0.212	99		
0.150	99	0.1	
0.063	95		

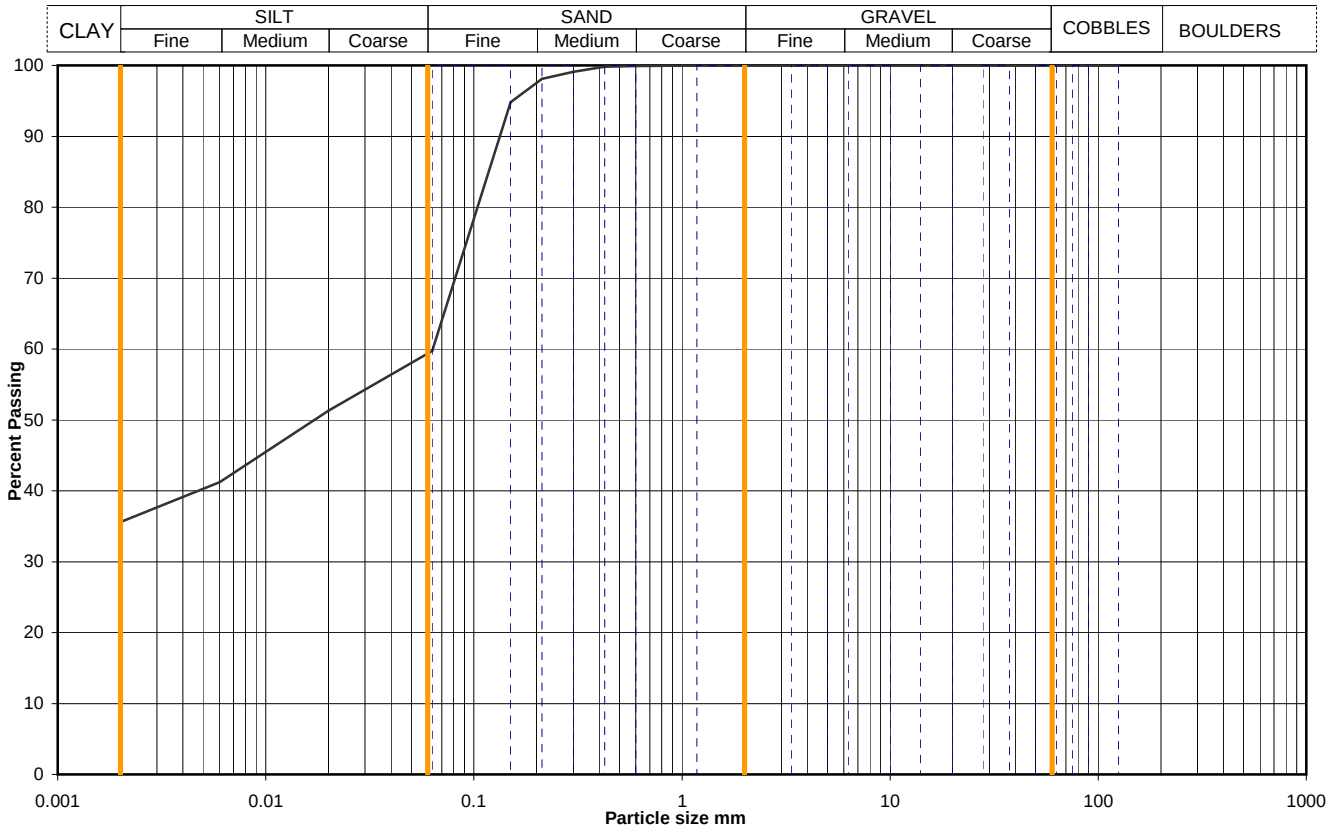
Soil description	Grey CLAY		
Preparation / Pretreatment	Sieve: pre dried, Pipette: as BS1377		
Remarks			
Sample Proportions *<60mm values to aid description only		Whole	*<60mm
	Cobbles / boulders	0	0
	Gravel	0	0
	Sand	6	6
	Silt	38	38
	Clay	56	56

Uniformity Coefficient	D_{60} / D_{10}	#N/A

Test Method	BS 1377 : Part 2 : 1990	
	Sieving	9.2 wet sieve
	Sedimentation	9.4 pipette

Particle Size Distribution Analysis

Project No	D8022	Sample Details:	Hole No	BH101A		
Project Name	British Museum North West Development, London		Depth (m BGL)	15.20		
			Samp No	36	Type	D
			ID	ESGD80222008060200000000118		
			Spec Ref			



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
125	100	0.0201	51
90	100	0.0060	41
75	100	0.0020	36
63	100		
50	100		
37.5	100		
28	100		
20	100		
14	100		
10	100		
6.3	100		
5.0	100		
3.35	100		
2.00	100		
1.18	100	Particle density, Mg/m3	
0.600	100		
0.425	100	2.65 assumed	
0.300	99	Dry mass of sample, kg	
0.212	98		
0.150	95	0.1	
0.063	60		

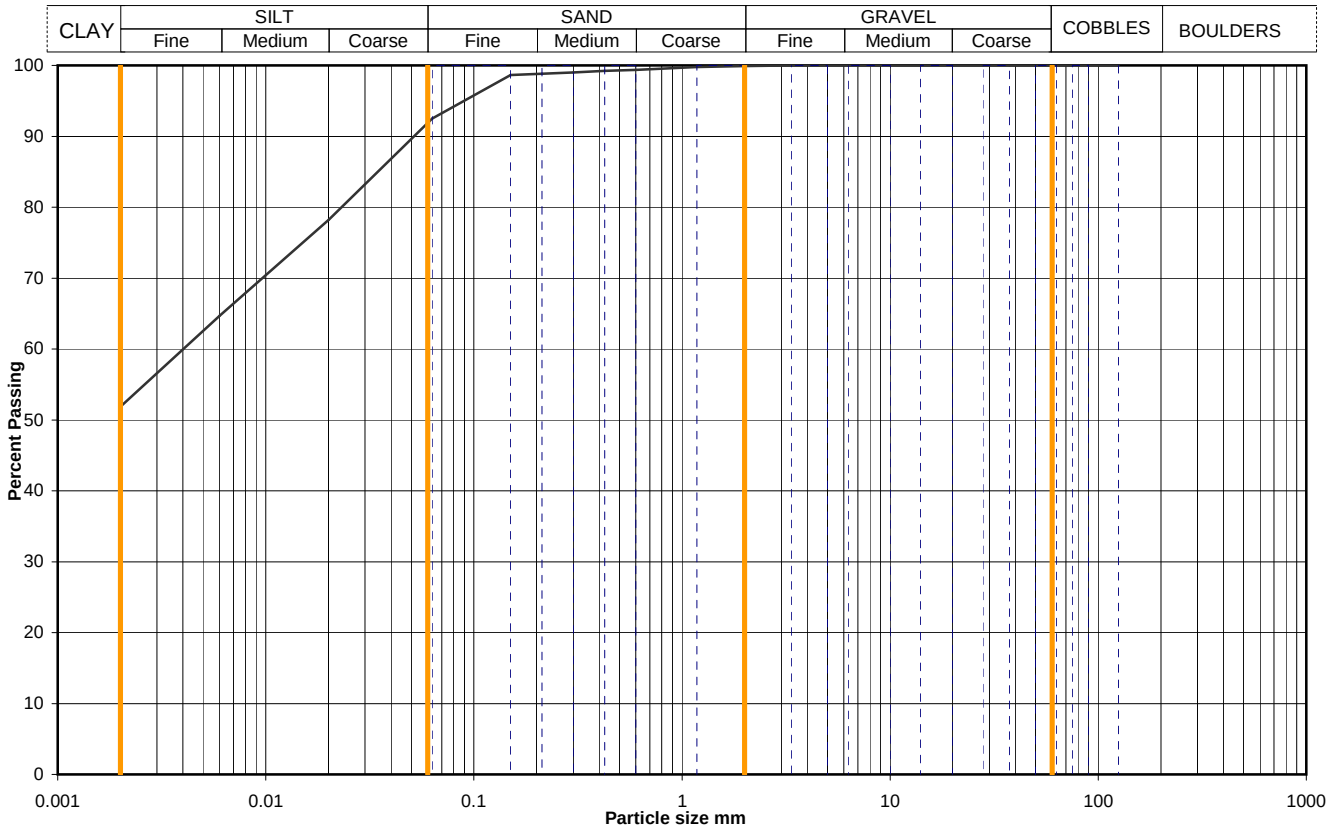
Soil description	Grey CLAY		
Preparation / Pretreatment	Sieve: pre dried, Pipette: as BS1377		
Remarks			
Sample Proportions *<60mm values to aid description only		Whole	*<60mm
	Cobbles / boulders	0	0
	Gravel	0	0
	Sand	41	41
	Silt	24	24
	Clay	35	35

Uniformity Coefficient	D_{60} / D_{10}	#N/A

Test Method	BS 1377 : Part 2 : 1990	
	Sieving	9.2 wet sieve
	Sedimentation	9.4 pipette

Particle Size Distribution Analysis

Project No	D8022	Sample Details:	Hole No	BH101A		
Project Name	British Museum North West Development, London		Depth (m BGL)	19.70		
			Samp No	43	Type	D
			ID	ESGD80222008060200000000125		
			Spec Ref			



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
125	100	0.0201	78
90	100	0.0060	65
75	100	0.0020	52
63	100		
50	100		
37.5	100		
28	100		
20	100		
14	100		
10	100		
6.3	100		
5.0	100		
3.35	100		
2.00	100		
1.18	100	Particle density, Mg/m3	
0.600	99		
0.425	99	2.65 assumed	
0.300	99	Dry mass of sample, kg	
0.212	99		
0.150	99	0.3	
0.063	93		

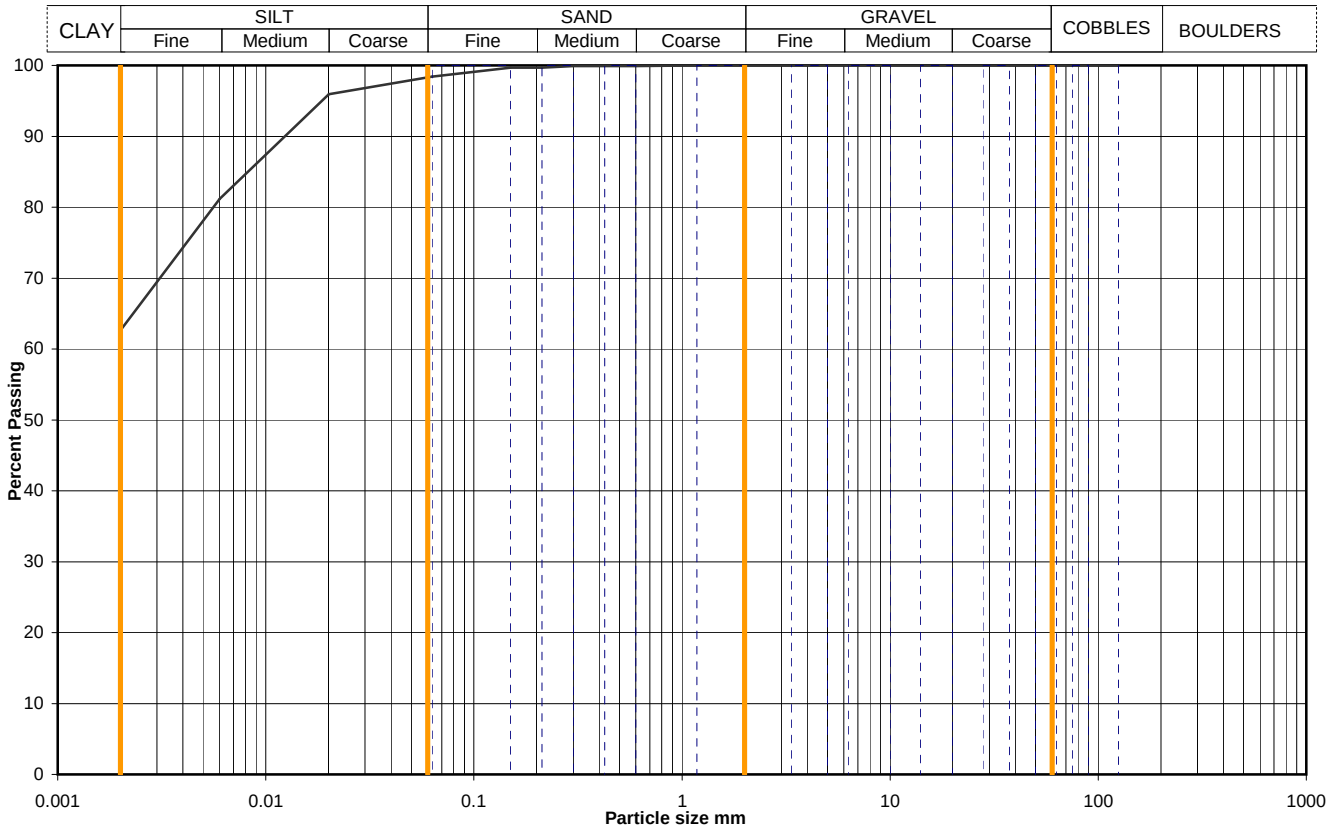
Soil description	Grey CLAY		
Preparation / Pretreatment	Sieve: pre dried, Pipette: as BS1377		
Remarks			
Sample Proportions *<60mm values to aid description only		Whole	*<60mm
	Cobbles / boulders	0	0
	Gravel	0	0
	Sand	8	8
	Silt	40	40
	Clay	52	52

Uniformity Coefficient	D_{60} / D_{10}	#N/A

Test Method	BS 1377 : Part 2 : 1990	
	Sieving	9.2 wet sieve
	Sedimentation	9.4 pipette

Particle Size Distribution Analysis

Project No	D8022	Sample Details:	Hole No	BH101A		
Project Name	British Museum North West Development, London		Depth (m BGL)	20.80		
			Samp No	47	Type	B
			ID	ESGD80222008060200000000129		
			Spec Ref			



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
125	100	0.0201	96
90	100	0.0060	81
75	100	0.0020	63
63	100		
50	100		
37.5	100		
28	100		
20	100		
14	100		
10	100		
6.3	100		
5.0	100		
3.35	100		
2.00	100		
1.18	100	Particle density, Mg/m3	
0.600	100		
0.425	100	2.65 assumed	
0.300	100	Dry mass of sample, kg	
0.212	100		
0.150	100	1.0	
0.063	98		

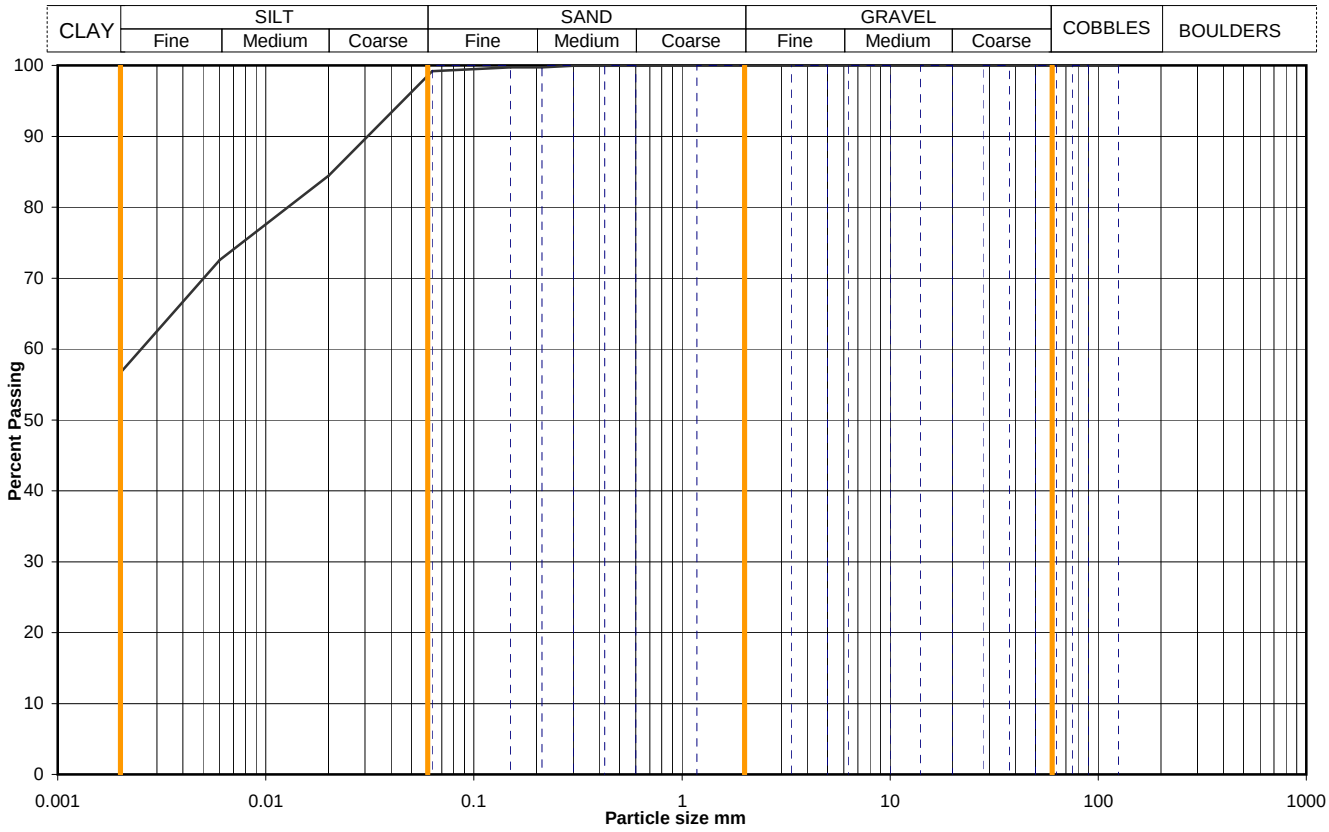
Soil description	Brown and grey mottled blue and red silty CLAY		
Preparation / Pretreatment	Sieve: pre dried, Pipette: as BS1377		
Remarks			
Sample Proportions *<60mm values to aid description only		Whole	*<60mm
	Cobbles / boulders	0	0
	Gravel	0	0
	Sand	2	2
	Silt	36	36
	Clay	62	62

Uniformity Coefficient	D_{60} / D_{10}	#N/A

Test Method	BS 1377 : Part 2 : 1990	
	Sieving	9.2 wet sieve
	Sedimentation	9.4 pipette

Particle Size Distribution Analysis

Project No	D8022	Sample Details:	Hole No	BH101A		
Project Name	British Museum North West Development, London		Depth (m BGL)	25.15		
			Samp No	53	Type	D
			ID	ESGD80222008060400000000144		
			Spec Ref			



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
125	100	0.0201	84
90	100	0.0060	73
75	100	0.0020	57
63	100		
50	100		
37.5	100		
28	100		
20	100		
14	100		
10	100		
6.3	100		
5.0	100		
3.35	100		
2.00	100		
1.18	100	Particle density, Mg/m3	
0.600	100		
0.425	100	2.65 assumed	
0.300	100	Dry mass of sample, kg	
0.212	100		
0.150	100	0.2	
0.063	99		

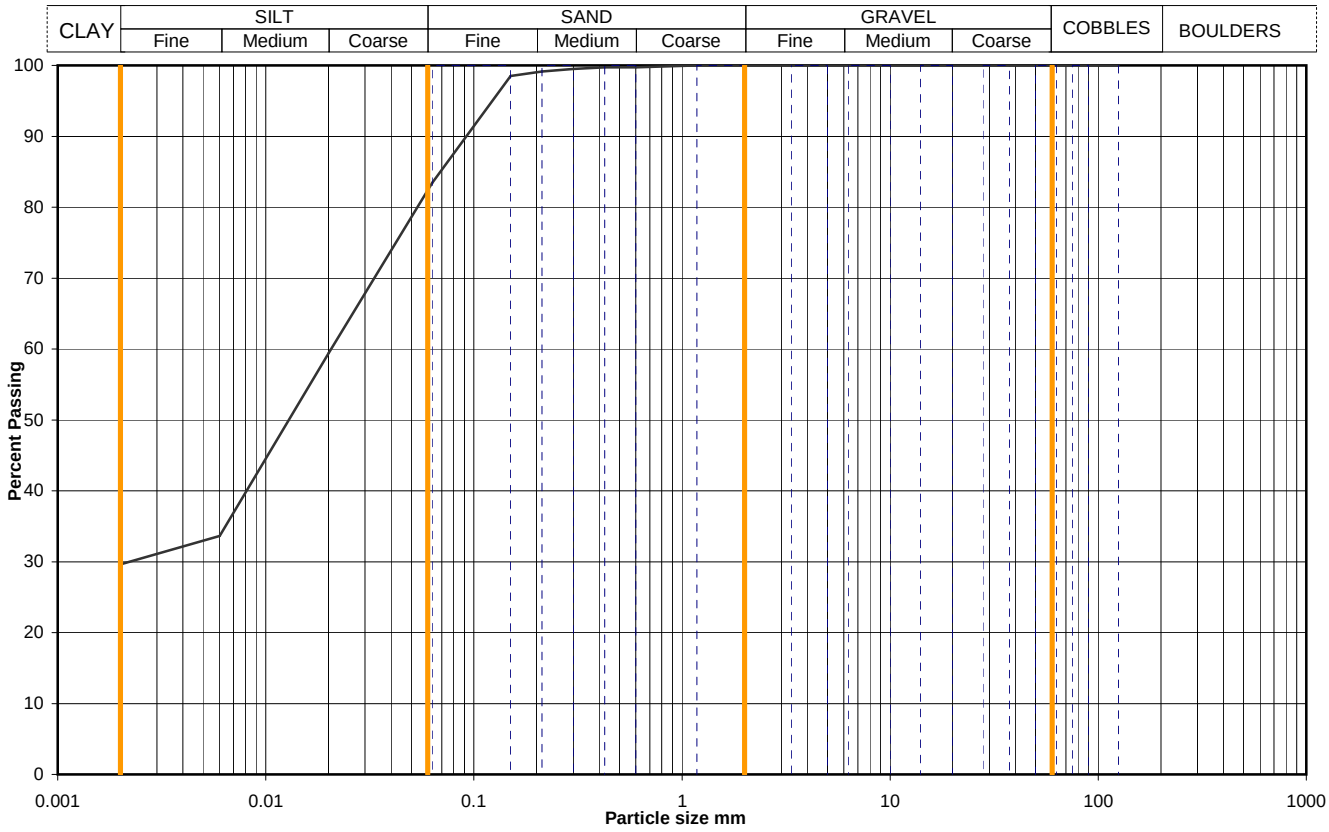
Soil description	Grey brown CLAY		
Preparation / Pretreatment	Sieve: pre dried, Pipette: as BS1377		
Remarks			
Sample Proportions *<60mm values to aid description only		Whole	*<60mm
	Cobbles / boulders	0	0
	Gravel	0	0
	Sand	1	1
	Silt	42	42
	Clay	57	57

Uniformity Coefficient	D_{60} / D_{10}	#N/A

Test Method	BS 1377 : Part 2 : 1990	
	Sieving	9.2 wet sieve
	Sedimentation	9.4 pipette

Particle Size Distribution Analysis

Project No	D8022	Sample Details:	Hole No	BH101A		
Project Name	British Museum North West Development, London		Depth (m BGL)	28.20		
			Samp No	58	Type	B
			ID	ESGD80222008060400000000149		
			Spec Ref			



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
125	100	0.0201	59
90	100	0.0060	34
75	100	0.0020	30
63	100		
50	100		
37.5	100		
28	100		
20	100		
14	100		
10	100		
6.3	100		
5.0	100		
3.35	100		
2.00	100		
1.18	100	Particle density, Mg/m3	
0.600	100		
0.425	100	2.65 assumed	
0.300	100	Dry mass of sample, kg	
0.212	99		
0.150	99	0.2	
0.063	83		

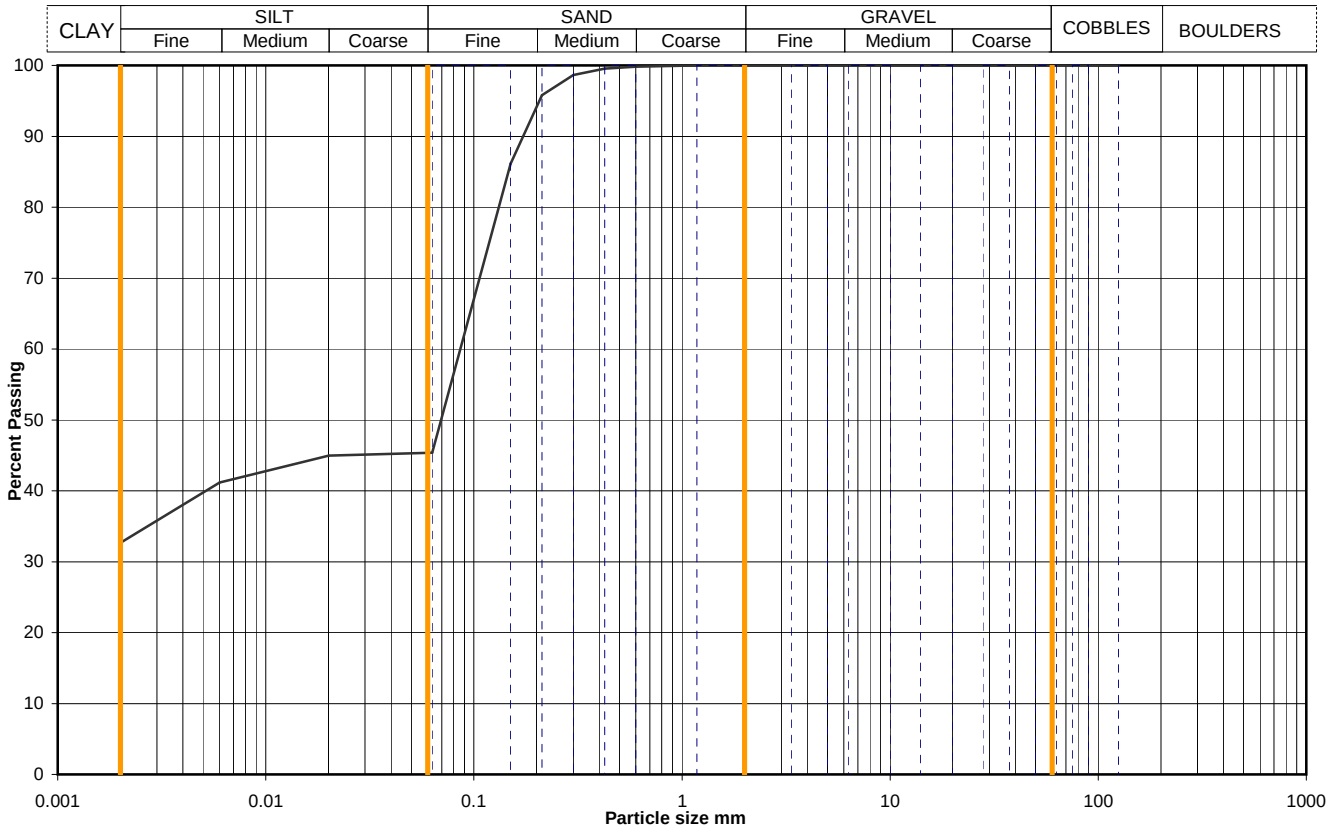
Soil description	Brown and grey silty CLAY		
Preparation / Pretreatment	Sieve: pre dried, Pipette: as BS1377		
Remarks			
Sample Proportions *<60mm values to aid description only		Whole	*<60mm
	Cobbles / boulders	0	0
	Gravel	0	0
	Sand	18	18
	Silt	53	53
	Clay	29	29

Uniformity Coefficient	D_{60} / D_{10}	#N/A

Test Method	BS 1377 : Part 2 : 1990	
	Sieving	9.2 wet sieve
	Sedimentation	9.4 pipette

Particle Size Distribution Analysis

Project No	D8022	Sample Details:	Hole No	BH101A		
Project Name	British Museum North West Development, London		Depth (m BGL)	30.20		
			Samp No	62	Type	D
			ID	ESGD80222008060400000000153		
			Spec Ref			



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
125	100	0.0201	45
90	100	0.0060	41
75	100	0.0020	33
63	100		
50	100		
37.5	100		
28	100		
20	100		
14	100		
10	100		
6.3	100		
5.0	100		
3.35	100		
2.00	100		
1.18	100	Particle density, Mg/m3	
0.600	100		
0.425	100	2.65 assumed	
0.300	99	Dry mass of sample, kg	
0.212	96		
0.150	86	0.2	
0.063	45		

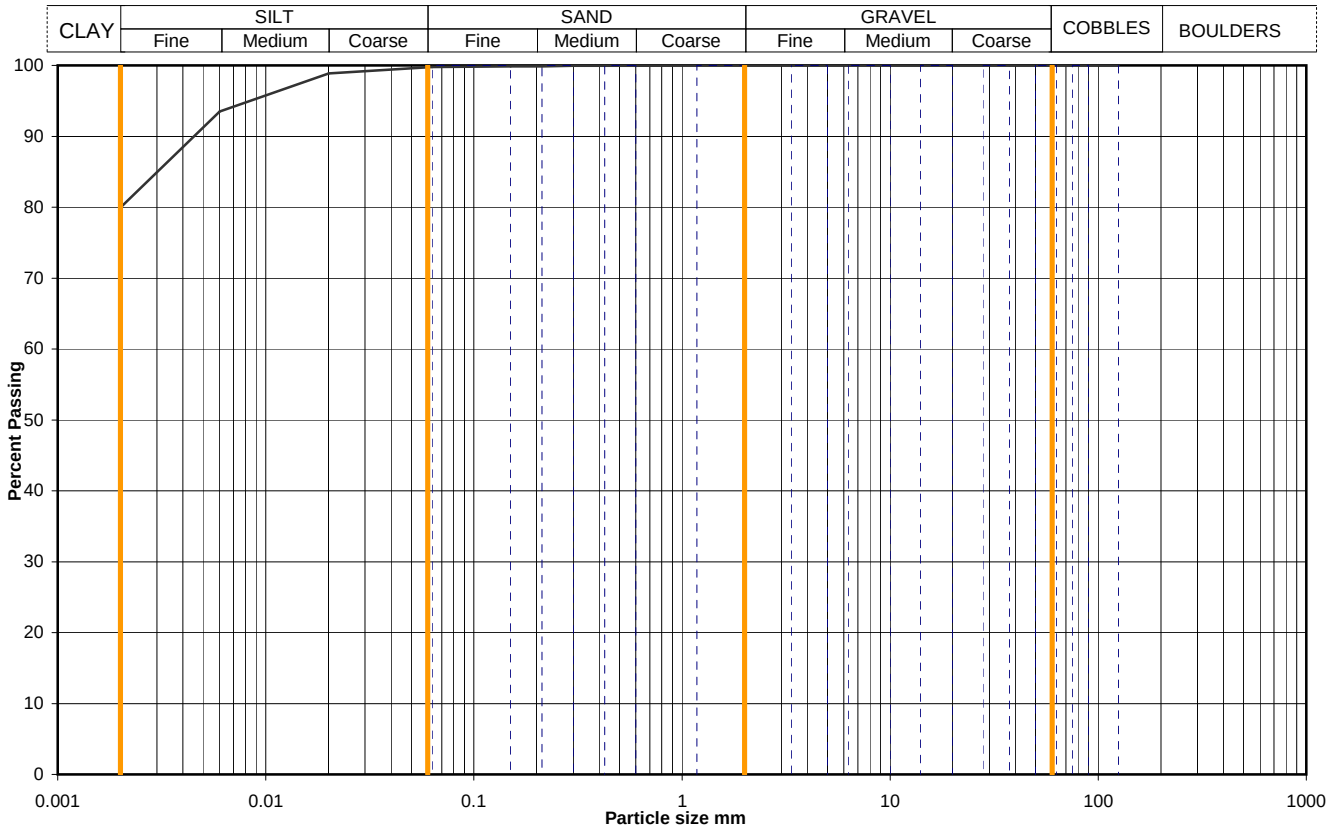
Soil description	Grey brown CLAY		
Preparation / Pretreatment	Sieve: pre dried, Pipette: as BS1377		
Remarks			
Sample Proportions *<60mm values to aid description only		Whole	*<60mm
	Cobbles / boulders	0	0
	Gravel	0	0
	Sand	55	55
	Silt	13	13
	Clay	32	32

Uniformity Coefficient	D_{60} / D_{10}	#N/A

Test Method	BS 1377 : Part 2 : 1990	
	Sieving	9.2 wet sieve
	Sedimentation	9.4 pipette

Particle Size Distribution Analysis

Project No	D8022	Sample Details:	Hole No	BH101A		
Project Name	British Museum North West Development, London		Depth (m BGL)	32.20		
			Samp No	66	Type	D
			ID	ESGD80222008060400000000157		
			Spec Ref			



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
125	100	0.0201	99
90	100	0.0060	94
75	100	0.0020	80
63	100		
50	100		
37.5	100		
28	100		
20	100		
14	100		
10	100		
6.3	100		
5.0	100		
3.35	100		
2.00	100		
1.18	100	Particle density, Mg/m3	
0.600	100		
0.425	100	2.65 assumed	
0.300	100	Dry mass of sample, kg	
0.212	100		
0.150	100	0.2	
0.063	100		

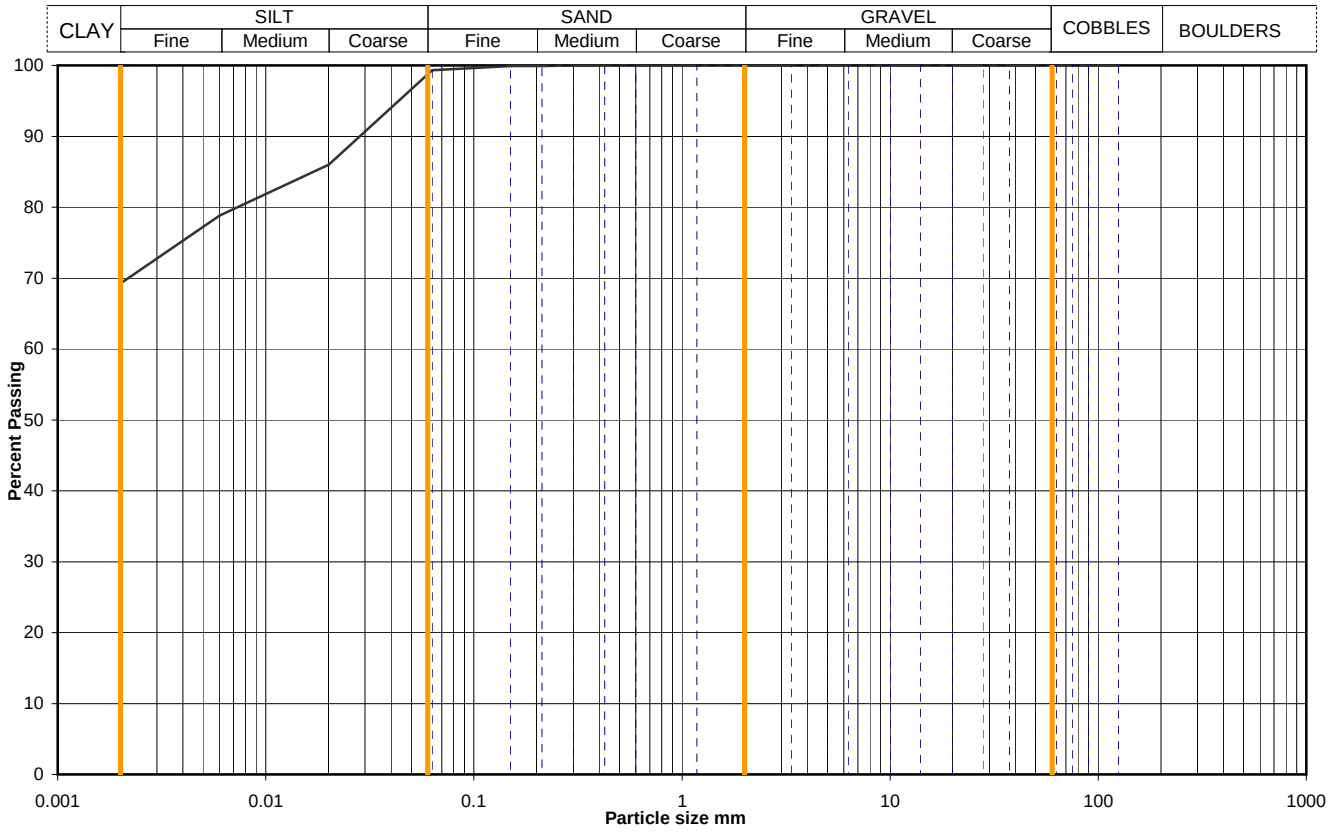
Soil description	Grey brown CLAY		
Preparation / Pretreatment	Sieve: pre dried, Pipette: as BS1377		
Remarks			
Sample Proportions *<60mm values to aid description only		Whole	*<60mm
	Cobbles / boulders	0	0
	Gravel	0	0
	Sand	0	0
	Silt	20	20
	Clay	80	80

Uniformity Coefficient	D_{60} / D_{10}	#N/A

Test Method	BS 1377 : Part 2 : 1990	
	Sieving	9.2 wet sieve
	Sedimentation	9.4 pipette

Particle Size Distribution Analysis

Project No	D8022	Sample Details:	Hole No	BH101A		
Project Name	British Museum North West Development, London		Depth (m BGL)	34.40		
			Samp No	70	Type	D
			ID	ESGD80222008060400000000161		
			Spec Ref			



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
125	100	0.0201	86
90	100	0.0060	79
75	100	0.0020	69
63	100		
50	100		
37.5	100		
28	100		
20	100		
14	100		
10	100		
6.3	100		
5.0	100		
3.35	100		
2.00	100		
1.18	100	Particle density, Mg/m3	
0.600	100		
0.425	100	2.65 assumed	
0.300	100	Dry mass of sample, kg	
0.212	100		
0.150	100	0.3	
0.063	99		

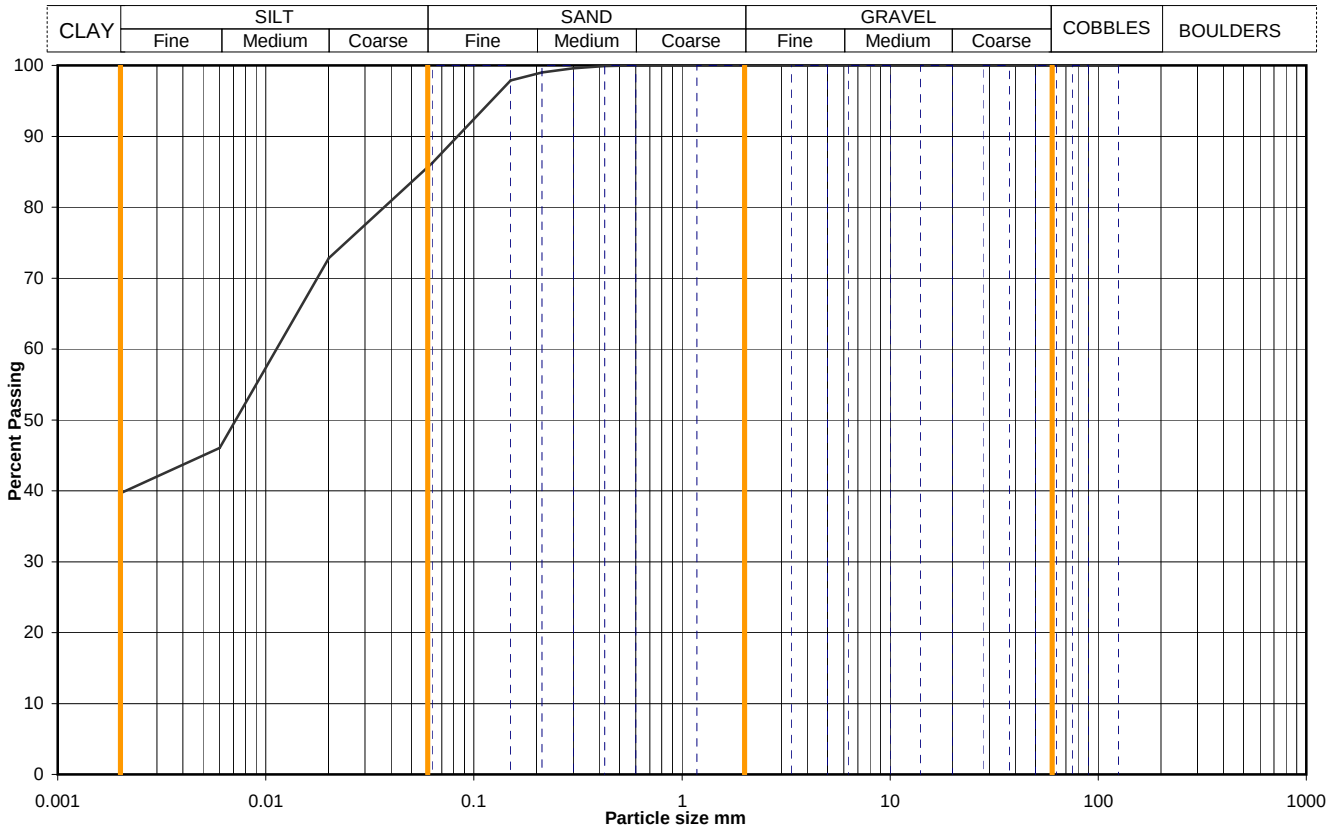
Soil description	Dark brown CLAY		
Preparation / Pretreatment	Sieve: pre dried, Pipette: as BS1377		
Remarks			
Sample Proportions *<60mm values to aid description only		Whole	*<60mm
	Cobbles / boulders	0	0
	Gravel	0	0
	Sand	1	1
	Silt	30	30
	Clay	69	69

Uniformity Coefficient	D_{60} / D_{10}	#N/A

Test Method	BS 1377 : Part 2 : 1990	
	Sieving	9.2 wet sieve
	Sedimentation	9.4 pipette

Particle Size Distribution Analysis

Project No	D8022	Sample Details:	Hole No	BH101A		
Project Name	British Museum North West Development, London		Depth (m BGL)	36.40		
			Samp No	77	Type	B
			ID	ESGD80222008060400000000168		
			Spec Ref			



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
125	100	0.0201	73
90	100	0.0060	46
75	100	0.0020	40
63	100		
50	100		
37.5	100		
28	100		
20	100		
14	100		
10	100		
6.3	100		
5.0	100		
3.35	100		
2.00	100		
1.18	100	Particle density, Mg/m3	
0.600	100		
0.425	100	2.65 assumed	
0.300	100	Dry mass of sample, kg	
0.212	99		
0.150	98	0.3	
0.063	86		

Soil description	Brown grey very silty CLAY		
Preparation / Pretreatment	Sieve: pre dried, Pipette: as BS1377		
Remarks			
Sample Proportions *<60mm values to aid description only		Whole	*<60mm
	Cobbles / boulders	0	0
	Gravel	0	0
	Sand	14	14
	Silt	46	46
	Clay	40	40

Uniformity Coefficient	D_{60} / D_{10}	#N/A

Test Method	BS 1377 : Part 2 : 1990	
	Sieving	9.2 wet sieve
	Sedimentation	9.4 pipette